

Title (en)
PROCESS FOR THE MANUFACTURE OF 1,2-DICHLOROETHANE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON 1,2-DICHLORETHAN

Title (fr)
PROCEDE DE FABRICATION DE 1,2-DICHLOROETHANE

Publication
EP 1831265 A1 20070912 (EN)

Application
EP 05823579 A 20051221

Priority
• EP 2005057041 W 20051221
• FR 0413873 A 20041223
• FR 0503252 A 20050401

Abstract (en)
[origin: WO2006067188A1] Process for the manufacture of 1,2-dichloroethane starting with a hydrocarbon source according to which: a) the hydrocarbon source is subjected to cracking which produces a mixture of products containing ethylene and other constituents; b) the said mixture of products is separated into a fraction enriched with compounds which are lighter than ethylene, containing part of the ethylene (fraction A), into a fraction enriched with ethylene (fraction B) and into a heavy fraction (fraction C); c) fraction A is conveyed to a chlorination reactor and fraction B to an oxychlorination reactor, in which reactors most of the ethylene present in fractions A and B is converted to 1,2-dichloroethane; d) the 1,2-dichloroethane obtained is separated from the streams of products derived from the chlorination and oxychlorination reactors.

IPC 8 full level
C08F 14/06 (2006.01); **C07C 17/02** (2006.01); **C07C 19/045** (2006.01)

CPC (source: EP KR US)
C07C 17/02 (2013.01 - EP KR US); **C07C 17/156** (2013.01 - EP KR US); **C07C 17/25** (2013.01 - EP KR US); **C07C 19/045** (2013.01 - EP KR US); **C07C 21/06** (2013.01 - EP KR US); **Y02P 20/582** (2015.11 - EP KR US)

C-Set (source: EP US)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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